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LOGINID:SSPTASXY1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 3 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new
predefined hit display formats
NEWS 4 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 5 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 6 MAY 30 INPAFAMDB now available on STN for patent family
searching
NEWS 7 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology
sequence search option
NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 9 JUN 06 KOREAPAT updated with 41,000 documents
NEWS 10 JUN 13 USPATFULL and USPAT2 updated with 11-character
patent numbers for U.S. applications
NEWS 11 JUN 19 CAS REGISTRY includes selected substances from
web-based collections
NEWS 12 JUN 25 CA/CAPLUS and USPAT databases updated with IPC
reclassification data
NEWS 13 JUN 30 AEROSPACE enhanced with more than 1 million U.S.
patent records
NEWS 14 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional
options to display authors and affiliated
organizations
NEWS 15 JUN 30 STN on the Web enhanced with new STN AnaVist
Assistant and BLAST plug-in
NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17 JUL 28 CA/CAPLUS patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status
information from the EPOline Register
NEWS 19 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 20 JUL 28 STN Viewer performance improved
NEWS 21 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22 AUG 13 CA/CAPLUS enhanced with printed Chemical Abstracts
page images from 1967-1998
NEWS 23 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 24 AUG 15 CAPLUS currency for Korean patents enhanced
NEWS 25 AUG 25 CA/CAPLUS, CASREACT, and IFI and USPAT databases
enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure
comprehensive access to substance and sequence
information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:17:58 ON 28 AUG 2008

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 13:18:19 ON 28 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2
DICTIONARY FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

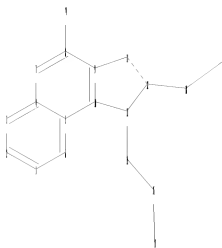
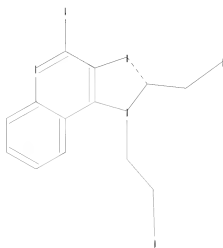
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdnoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10596432.str



```

chain nodes :
14 15 16 17 18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13
chain bonds :
8-14 12-18 13-15 15-16 16-17 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-13 11-12 12-13
exact/norm bonds :
8-14 9-11 10-13 11-12 12-13 13-15 16-17 18-19
exact bonds :
12-18 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10
isolated ring systems :
containing 1 :

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS

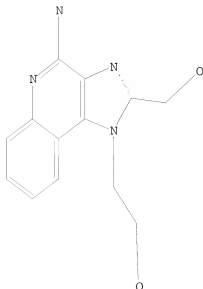
```

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 13:18:51 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -          68 TO ITERATE

100.0% PROCESSED          68 ITERATIONS          37 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH  **COMPLETE**
PROJECTED ITERATIONS:   866 TO   1854
PROJECTED ANSWERS:      376 TO   1104
```

L2 37 SEA SSS SAM L1

```
=> s l1 full
FULL SEARCH INITIATED 13:18:56 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -          1678 TO ITERATE
```

```
100.0% PROCESSED          1678 ITERATIONS          993 ANSWERS
SEARCH TIME: 00.00.01
```

L3 993 SEA SSS FUL L1

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE          TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          178.36          178.57
```

FILE 'CAPLUS' ENTERED AT 13:18:59 ON 28 AUG 2008
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FILE COVERS 1907 - 28 Aug 2008 VOL 149 ISS 9
FILE LAST UPDATED: 27 Aug 2008 (20080827/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3

L4 258 L3

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	179.05

FILE 'REGISTRY' ENTERED AT 13:19:03 ON 28 AUG 2008
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DICTIONARY FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

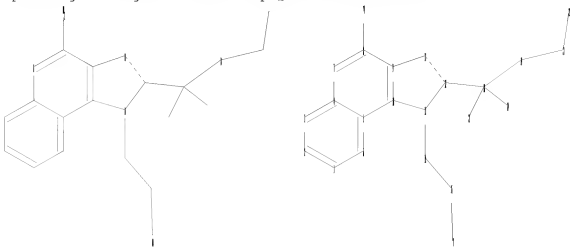
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10596432a.str



```
chain nodes :
14 15 16 17 18 19 21 22 23 24
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13
chain bonds :
8-14 12-18 13-15 15-16 16-17 18-19 18-23 18-24 19-21 21-22
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-13 11-12 12-13
exact/norm bonds :
8-14 9-11 10-13 11-12 12-13 13-15 16-17 18-19 19-21
exact bonds :
12-18 15-16 18-23 18-24 21-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10
isolated ring systems :
containing 1 :
```

Match level :

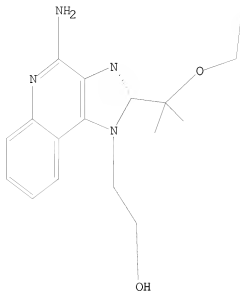
```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS
```

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 13:22:09 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 68 TO ITERATE

100.0% PROCESSED 68 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 866 TO 1854

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full

FULL SEARCH INITIATED 13:22:13 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1678 TO ITERATE

100.0% PROCESSED 1678 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L7 3 SEA SSS FUL L5

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

180.20

359.25

FILE 'CAPLUS' ENTERED AT 13:22:19 ON 28 AUG 2008

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=> s l7

L8 0 L7

=> log h

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

0.96 360.21

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:23:23 ON 28 AUG 2008